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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/331,226	06/18/1999	GEORG LOHR	03475-P0002A	1402
7590	08/09/2004		EXAMINER	
WESLEY W. WHITMYER, JR. ST. ONGE STEWARD JOHNSTON & REENS LLC 986 BEDFORD STREET STAMFORD, CT 06905-5619			JONES, STEPHEN E	
			ART UNIT	PAPER NUMBER
			2817	

DATE MAILED: 08/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/331,226	LOHR, GEORG	
	Examiner	Art Unit	
	Stephen E. Jones	2817	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 5/27/04.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-44 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) _____ is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) 1-44 are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____.

Election/Restrictions

The restriction requirement dated 3/12/04 (originally mailed on 11/6/01) is withdrawn and a new restriction requirement follows:

1. This application contains claims directed to more than one species of the generic invention. These species are deemed to lack unity of invention because they are not so linked as to form a single general inventive concept under PCT Rule 13.1.

The species are as follows:

<u>Species</u>	<u>Figures and Special Technical Features</u>
I	1a with Fig. 5, capacitive only with a rotary transformer
II	1a with Fig. 6b, capacitive only with differential structure
III	1a with Fig. 8, capacitive only with a dummy element
IV	1a with Fig. 9, capacitive only with current meter resistor
V	1a with Fig. 10, capacitive only with voltage divider resistors
VI	1b with Fig. 5, inductive only with a rotary transformer
VII	1b with Fig. 6b, inductive only with differential structure
VIII	1b with Fig. 8, inductive only with a dummy element
IX	1b with Fig. 9, inductive only with current meter resistor
X	1b with Fig. 10, inductive only with voltage divider resistors
XI	1c with Fig. 5, inductive and capacitive with a rotary transformer
XII	1c with Fig. 6b, inductive and capacitive with differential structure
XIII	1c with Fig. 8, inductive and capacitive with a dummy element
XIV	1c with Fig. 9, inductive and capacitive with current meter resistor

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- XV 1c with Fig. 10, inductive and capacitive with voltage divider resistors
- XVI 2 with Fig. 5, non-symmetrical with capacitive and a rotary transformer
- XVII 2 with Fig. 6b, non-symmetrical with capacitive and differential structure
- XVIII 2 with Fig. 8, non-symmetrical with capacitive and a dummy element
- XIX 2 with Fig. 9, non-symmetrical with capacitive and current meter resistor
- XX 2 with Fig. 10, non-symmetrical with capacitive and voltage divider resistors
- XXI 3 with Fig. 5, with shielding and capacitive and a rotary transformer
- XXII 3 with Fig. 6b, with shielding and capacitive and differential structure
- XXIII 3 with Fig. 8, with shielding and capacitive and a dummy element
- XXIV 3 with Fig. 9, with shielding and capacitive and current meter resistor
- XXV 3 with Fig. 10, with shielding and capacitive and voltage divider resistors
- XXVI 4 with Fig. 5, non-symmetrical with inductive and a rotary transformer
- XXVII 4 with Fig. 6b, non-symmetrical with inductive and differential structure
- XXVIII 4 with Fig. 8, non-symmetrical with inductive and a dummy element
- XXIX 4 with Fig. 9, non-symmetrical with inductive and current meter resistor
- XXX 4 with Fig. 10, non-symmetrical with inductive and voltage divider resistors.

Applicant is required, in reply to this action, to elect a single species to which the claims shall be restricted if no generic claim is finally held to be allowable. The reply must also identify the claims readable on the elected species, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered non-responsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

2. The species listed above do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, the species lack the same or corresponding special technical features as in the above described reasons.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen E. Jones whose telephone number is 571-272-1762. The examiner can normally be reached on Monday through Friday from 8 AM to 4 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert J. Pascal can be reached on 571-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Stephen Jones
Patent Examiner
Art Unit 2817

SEJ